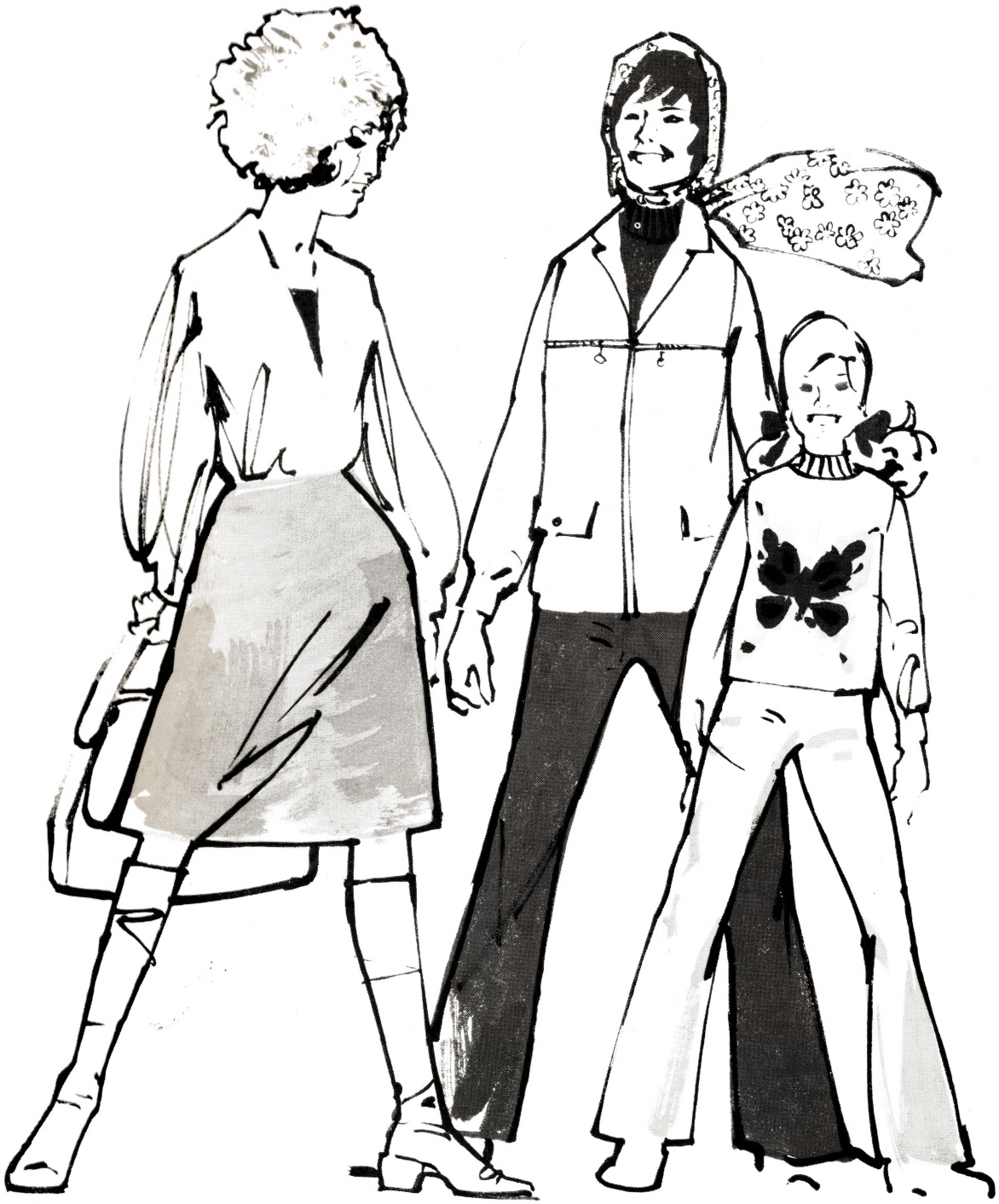

PANTS AND SKIRTS

5 PLY

BY Empisal

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TENSIONS

These garments are designed for 5 ply yarn. It is necessary to produce:

15 sts. and 21 rows to 2 ins.

We suggest Tension 7. However as each machine varies a little, it is advisable to check your tension. Colors and flecks also affect the tension. All garments have been worked in basic stocking stitch. However, for originality any stitch design may be combined with the instructions for number of rows, shaping, etc; but some stitch patterns produce looser fabrics than stocking stitch and others draw in the fabric. Therefore, it is worthwhile knitting an extra swatch in the chosen pattern and then making a comparison with the stocking stitch swatch - this then will enable you to adjust stitches and rows for size required.

TO CHECK TENSION

Knit a sample on the suggested tension on 60 stitches and 60 rows. Leave for at least 12 hours before measuring, which should be done over 4 ins. If the result is too many stitches per inch knit another swatch on a looser tension; if not enough stitches, tighten tension a few points.

HEMS

1. Select number of needles required.
2. Cast on using waste yarn and knit 3 rows of waste and 1 row of main yarn on a loose tension.
3. On a tight tension e.g. T6, knit half the required number of rows for hem (this includes 1st row of main yarn), then reset tension to main tension and knit turning row; reset tension to 1st tension and knit same number of rows as in 1st half of hem.
4. With transfer tool pick up 1st row of main yarn stitches, placing them on corresponding needles (there are now 2 sts on each needle with the exception of the one on the end).
5. Loosen tension one full number above normal tension e.g. T8 and knit 1 row to close hem. Pull out waste.
6. Reset tension to normal e.g. T7 and knit according to instructions.

NOTE: Hem need not be closed but can be finished off after completion of garment by folding hem and catching down through the open stitches with needle and thread.

MEASUREMENTS

ADULTS

To fit sizes	**8**	**10**	**12**	**14**	**16**	**18**
Waist	23	24	25½	27	29	31
Hip	33½	34½	36	38	40	42
Skirt - length	19	19	19	19	19	19
Pants - length	40	40	40	40	40	40

CHILDREN

To fit sizes	**2**	**4**	**6**	**8**	**10**	**12**	**14**
Waist	20	21	22	23½	24½	25½	26½
Hip	22	24	26	28	30	32	34
Skirt - length	10	11	12	13	14	15	16
Pants - length	21	23½	26½	29	32	35	36

MATERIALS: 5 Ply 1 oz Balls

For sizes ADULTS	8	10	12	14	16	18
Straight skirt	13	13	14	14	15	15
A-line skirt	13	13	14	14	15	15
Pants	24	25	26	26	27	27

For sizes CHILDREN	2	4	6	8	10	12	14
Skirt	5	5	6	7	8	9	11
Pants	8	9	11	13	15	17	19

NOTE: If alterations are made in length, this will affect quantities required. Synthetic yarns in general require less yarn than indicated on chart.

LADIES' PANTS – FRONT – 2 PIECES

Sizes	8	10	12	14	16	18
1. Select xxx needles	70	72	74	78	82	88

2. With carriage on right follow steps 1 to 6 of hem instructions in front section.
3. Row counter 0.
4. Knit straight to 200 rows (adjust length).

Note: Steps 5 and 6 are knitted simultaneously.

5. **ON SIDE SEAM (LEFT OF WORK)**
   Increase 1 stitch on this and every 20 rows – 4 times altogether.
   Increase 1 stitch every 8 rows 4 times.
6. **ON INSIDE SEAM (RIGHT OF WORK)**
   Increase 1 stitch on this and every 15 rows - 6 times altogether.

7. There are now xxx stitches	84	86	88	92	96	102

8. Knit to 294 rows.
9. Row counter 0.

Note: Steps 10 and 11 are knitted simultaneously.

10. **ON SIDE SEAM (LEFT)**
    Knit straight to 50 rows.
    Decrease 1 stitch on this and every 11 rows – 6 times altog ether.
11. **ON INSIDE SEAM (RIGHT)**
    Cast off 3 stitches.
    Decrease 1 stitch every row 3 times.
    Decrease 1 stitch every 2nd row 9 times.
    Decrease 1 stitch every 11 rows 8 times.

12. There are now xxx stitches	55	57	59	63	67	73
13. Knit to 111 rows.						
14. Carriage on left, Cams on Holding.						
15. Push to E on right xxx needles	18	19	20	21	22	24

16. Knit 1 row.
17. Hook yarn under 1st inside needle in E position (to avoid making a hole).
18. Knit 1 row.
19. Repeat steps 15 to 18 once.
20. Release Holding Cam. Knit 1 row.
21. Tighten tension one full number.
22. Knit 28 rows.
23. Cast off loosely.

Knit other front commencing with carriage on left, side seam shaping on right and inside seam on left of work.

LADIES' PANTS – BACK – 2 PIECES

Sizes	8	10	12	14	16	18
1. Select xxx needles	70	72	74	78	82	88

2. With carriage on left follow steps 1 to 6 of hem instructions in front section.
3. Row counter 0.
4. Knit straight to 200 rows (adjust length).

Note: Steps 5 and 6 are knitted simultaneously.

5. **ON SIDE SEAM (RIGHT OF WORK)**
   Increase 1 stitch on this and every 20 rows – 4 times altogether.
   Increase 1 stitch every 8 rows 4 times.
6. **ON INSIDE SEAM (LEFT OF WORK)**
   Increase 1 stitch on this and every 10 rows – 4 times altogether.
   Increase 1 stitch every 5 rows 12 times.

7. There are now xxx stitches	94	96	98	102	106	112

8. Knit to 292 rows.
9. Row counter 0.

Note: Steps 10 and 11 are knitted simultaneously.

10. **ON SIDE SEAM (RIGHT)**
    Knit straight to 52 rows.
    Decrease 1 stitch on this and every 11 rows – 6 times altogether.
11. **ON INSIDE SEAM (LEFT)**
    Cast off 5 stitches.
    Decrease 1 stitch every row 12 times.
    Decrease 1 stitch every 2nd row 9 times.
    Decrease 1 stitch every 8 rows 10 times.

12. There are now xxx stitches	52	54	56	60	64	70

13. Knit to 118 rows.
14. Carriage on left, Cams on Holding.

15. Push to E on right xxx needles	10	11	11	12	13	14

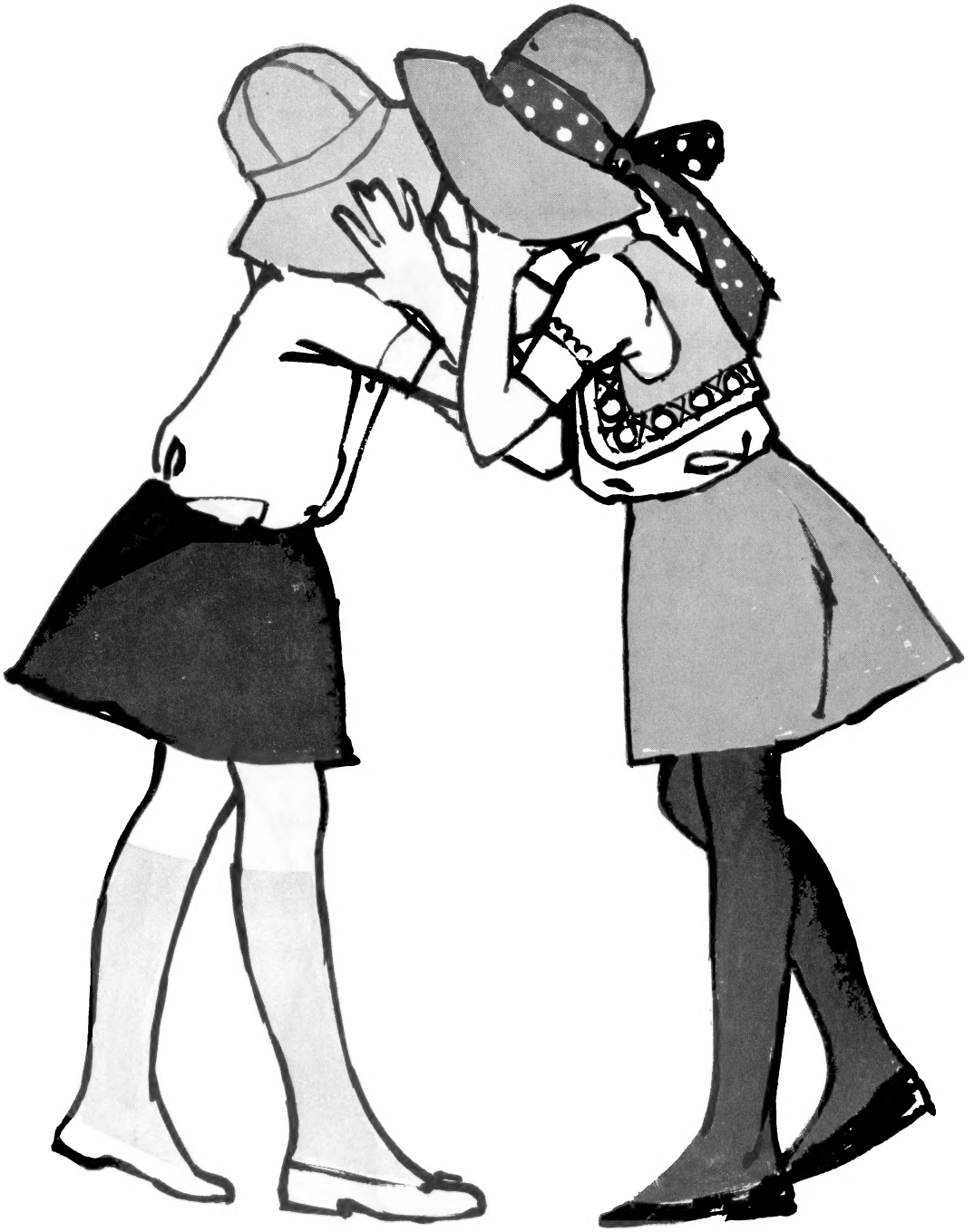
16. Knit 1 row.
17. Hook yarn under 1st inside needle in E position.
18. Knit 1 row.
19. Repeat steps 15 to 18, 3 times.
20. Release Holding Cam. Knit 1 row.
21. Tighten tension one full number.
22. Knit 28 rows.
23. Cast off loosely.

Knit other back commencing with carriage on right, side seam shaping on left and inside seam on right of work.

CHILD'S PANTS – 2 PIECES

Sizes		2	4	6	8	10	12	14
1.	Select xxx needles	96	102	108	114	120	128	140
2.	With carriage on left follow steps 1 to 6 of hem instructions in front section.							
3.	Row counter 0.							
4.	Knit straight to xxx rows (adjust length)	54	64	74	108	116	116	116
	Note: Steps 5 and 6 are knitted simultaneously.							
5.	**ON BACK (LEFT SIDE)**							
	Increase 1 stitch every xxx rows	3	4	5	4	5	4	5
	xxx times	18	19	19	19	19	23	22
6.	**ON FRONT (RIGHT SIDE)**							
	Increase 1 stitch every xxx rows	4	5	6	5	6	8	8
	xxx times	14	15	15	15	15	15	15
7.	There are now xxx stitches	128	136	142	148	154	166	177
8.	Knit to xxx rows	118	140	166	182	208	232	238
	Note: Steps 9 and 10 are knitted simultaneously.							
9.	**ON BACK (LEFT SIDE)**							
	Cast off xxx stitches	3	3	3	3	3	4	4
	Decrease 1 stitch every row xxx times	15	15	15	15	15	15	15
	Decrease 1 stitch every 2nd row xxx times	3	3	4	4	4	4	5
	Decrease 1 stitch every xxx rows	12	16	17	20	20	9	8
	xxx times	4	4	4	4	4	10	12
10.	**ON FRONT (RIGHT SIDE)**							
	Knit to xxx rows	123	145	171	187	213	237	243
	Cast off xxx stitches	2	2	2	2	2	2	3
	Decrease 1 stitch every 2nd row xxx times	9	9	9	9	9	9	10
	Decrease 1 stitch every xxx rows	20	20	30	20	20	15	12
	xxx times	2	2	2	4	4	6	8
11.	There are now xxx stitches	90	98	103	107	113	116	120
12.	Knit to xxx rows	204	232	264	290	322	352	368
13.	Carriage on left, Cams on Holding.							
14.	Push to E on right xxx needles	15	16	17	18	19	20	22
15.	Knit 1 row.							
16.	Hook yarn under 1st inside needle in E position (to avoid making a hole).							
17.	Knit 1 row.							
18.	Repeat steps 14 to 17, 4 times.							
19.	Release Holding Cam.							
20.	Tighten Tension one full number.							
21.	Knit 28 rows.							
22.	Cast off loosely.							

Knit other half commencing with carriage on right, back shaping on right and front shaping on left of work.



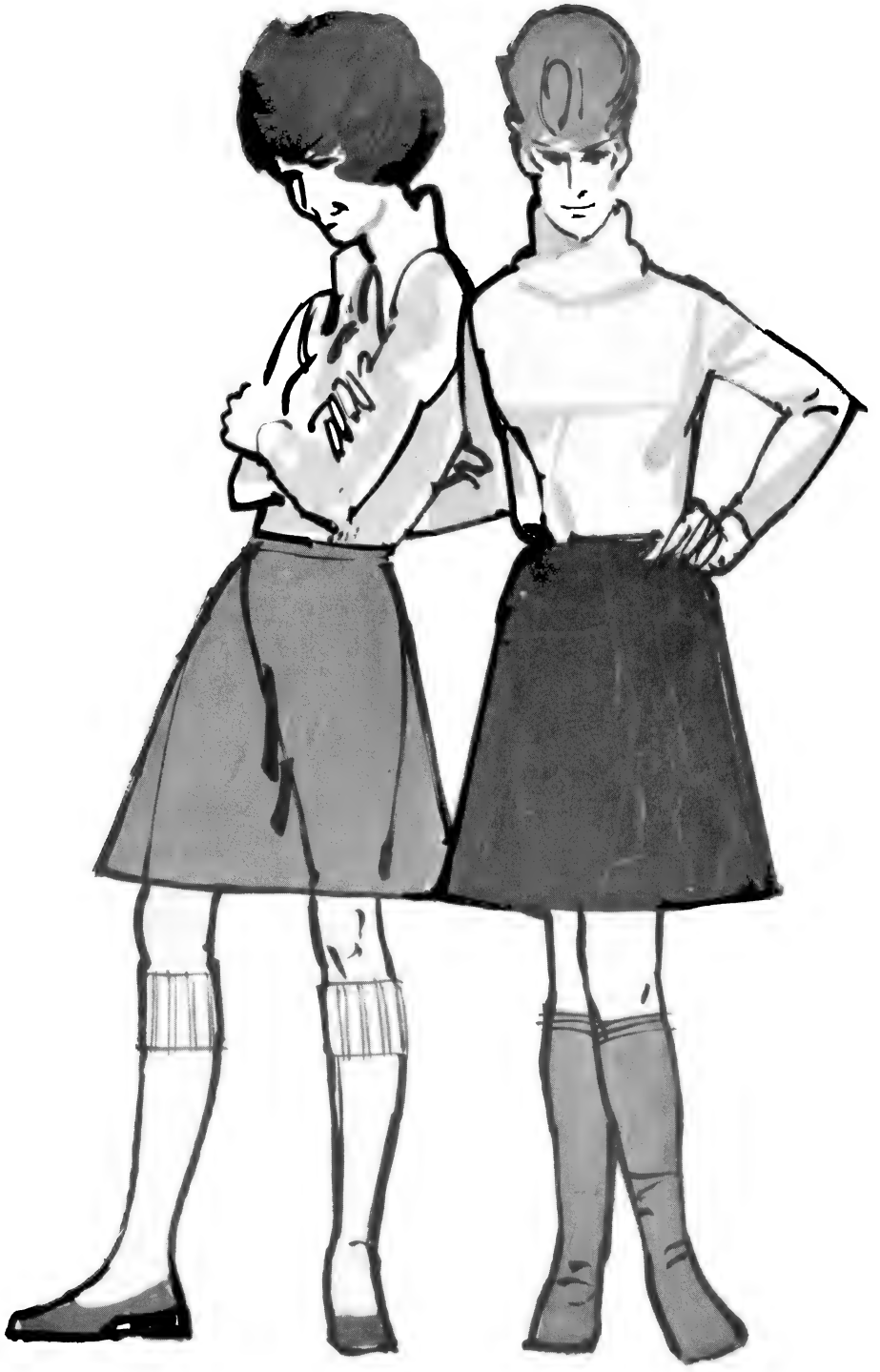
CHILD'S SKIRT – 2 PIECES

Sizes		2	4	6	8	10	12	14
1.	Select xxx needles	104	112	122	130	136	146	154
2.	Follow steps 1 to 6 of hem instructions in front section.							
3.	Row counter 000.							
4.	Decrease 1 stitch each end every xxx rows 11 times (see 'Note' below for altering lengths.)	7	7	8	8	8	9	9
5.	There are now xxx stitches	82	90	100	108	114	124	132
6.	Decrease 1 stitch each end every xxx rows . . .	6	6	7	6	7	7	7
	xxx times . . .	3	4	4	6	7	7	8
7.	There are now xxx stitches	76	82	92	96	100	110	116
8.	Knit 1 row.							
9.	There are now xxx rows above hem if length not altered	96	102	117	125	138	149	156
10.	Change tension to one full number tighter.							
11.	Knit 28 rows.							
12.	Cast off loosely.							

Knit another piece following steps 1 to 12.

Note: To alter length – For every inch of length to be altered deduct or add 1 row to the number of rows to each of the 11 decreasings in step 4.

E.g., in size 2, if one inch longer is required decrease 1 stitch each end every 8th row 11 times, or if one inch shorter is required decrease 1 stitch each end every 6th row 11 times.

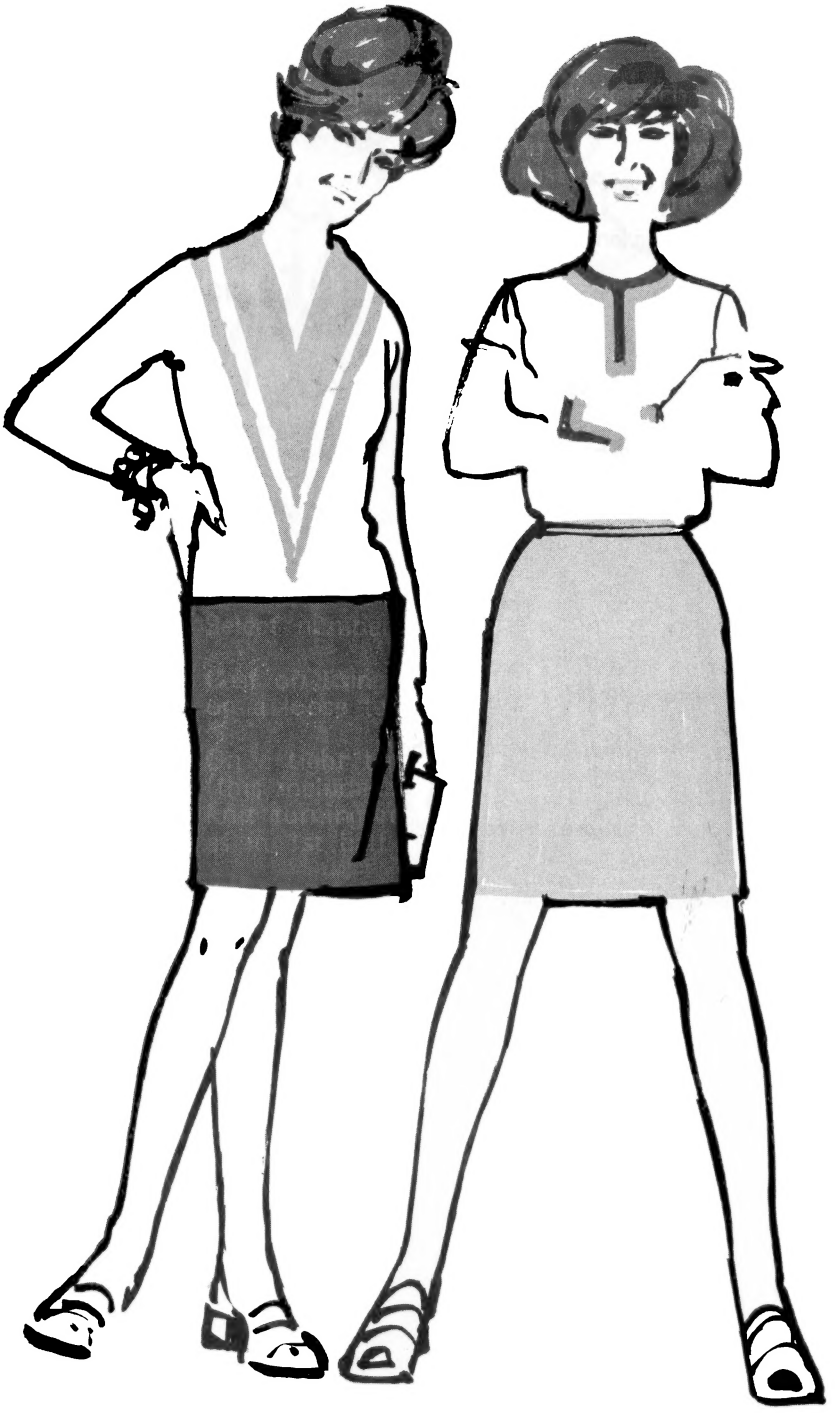


LADIES' A–LINE SKIRT – 2 PIECES

Sizes	8	10	12	14	16	18
1. Select xxx needles	156	160	166	172	180	188
2. Follow steps 1 to 6 of hem instructions in front section.						
3. Row counter 000.						
4. Decrease 1 stitch each end every 9th row 11 times.						
See 'Note' below for altering lengths.						
5. There are now xxx stitches	134	138	144	150	158	166
6. Decrease 1 stitch each end every 7th row 13 times.						
7. There are now xxx stitches	108	112	118	124	132	140
8. There are now 190 rows above hem if length not altered.						
9. Change tension to one full number tighter.						
10. Knit 28 rows.						
11. Cast off loosely.						
Knit another piece following steps 1 to 11.						

Note: To alter length – For every inch of length to be altered deduct or add 1 row to each of the 11 decreasings of step 4.

E.g., if one inch longer is required decrease 1 stitch each end every 10 rows 11 times, or if one inch shorter is required decrease 1 stitch each end every 8 rows 11 times.



LADIES' STRAIGHT SKIRT – 2 PIECES

Sizes	8	10	12	14	16	18
1. Select xxx needles	134	138	144	150	158	166
2. Follow steps 1 to 6 of hem instructions in front section.						
3. Row counter 000.						
4. Knit straight to 99 rows above hem (adjust length).						
5. Decrease 1 stitch each end every 7th row 13 times.						
6. There are now xxx stitches	108	112	118	124	132	140
7. There are now 190 rows if length not altered.						
8. Change tension to one full number tighter.						
9. Knit 28 rows.						
10 Cast off loosely.						
Knit another piece following steps 1 to 10.						

COMPLETION OF GARMENTS:

SKIRTS.

1. Press all pieces lightly with damp cloth.
2. Sew up two side seams, finishing 1 in. from top on left side.
3. Finish waistband by folding over 1 in. to wrong side and catch down.
4. Thread elastic through opening to fit waist.
5. Press all seams.

PANTS.

1. Press all pieces lightly with a damp cloth.
2. ADULTS: Sew up side seams, sewing front to matching back pieces.
3. Sew up inside leg seams.
4. Join crutch matching inside leg seams.
5. Waistbands as above.

NOTE. If zipper finish desired, leave side seam open about 7 ins., crochet 1 or 2 rows of DC around opening, then insert zipper.